(Use several sheets if necessary)

ATTY. DOCKET NO.:

82017-3699

APPLICATION NO.:

10/784,033

APPLICATION TO.:

FINESTONE et al.

FILING DATE:

February 20, 2004

1773

AA 3,151,803 10/1964 Kaminski 229 80 AB 4,317,030 2/1982 Berghell 235 489 AC 4,354,631 10/1982 Stevenson 229 71 AD 4,583,679 4/1986 Johnson 229 123.1 AF 5,089,320 2/1992 Straus et al. 428 216 AG 5,244,702 9/1993 Finestone et al. 428 34.3 AH 5,271,553 12/1993 Kim 229 303 AI 5,499,757 3/1996 Back 229 81 AI 5,499,757 3/1996 Back 229 81 AL 5,725,311 3/1997 Weder 33 397 AL 5,725,311 3/1998 Ponsi et al. 383 66 AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Forman 53 133.4	TRADE	AME		U.S.	PATENT DOCUMENTS		17/3	
AB 4,317,030	*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IP APPROPRIATE
AC 4,354,631	my	AA	3,151,803	10/1964	Kaminski	229	80	
AD 4,583,679 4/1986 Johnson 229 123.1 AF 5,089,320 2/1992 Straus et al. 428 216 AG 5,244,702 9/1993 Finestone et al. 428 34.3 AH 5,271,553 12/1993 Kim 229 303 AI 5,499,757 3/1996 Back 229 81 AA 5,595,046 1/1997 Weder 53 397 AK 5,655,707 8/1997 Jensen 229 160.2 AL 5,725,311 3/1998 Ponsi et al. 383 66 AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AS 6,076,969 6/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AV 6,015,999 9/2000 Adelman 53 465 AV 6,135,999 9/2000 Adelman 53 465 AV 6,135,999 9/2000 Adelman 53 465	1	AB	4,317,030	2/1982	Berghell	235	489	
AF 5,089,320 2/1992 Straus et al. 428 216 AG 5,244,702 9/1993 Finestone et al. 428 34.3 AH 5,271,553 12/1993 Kim 229 303 AI 5,499,757 3/1996 Back 229 81 AJ 5,595,046 1/1997 Weder 53 397 AK 5,655,707 8/1997 Jensen 229 160.2 AL 5,725,311 3/1998 Ponsi et al. 383 66 AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaiste et al. 383 211 AS 6,076,969 6/2000 Jaiste et al. 428 442 4400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AV 5,704,481 1/1998 Lutz 206 484 AV 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	10	AC	4,354,631	10/1982	Stevenson	229	71	
AG 5,244,702 9/1993 Finestone et al. 428 34.3 AH 5,271,553 12/1993 Kim 229 303 AI 5,499,757 3/1996 Back 229 81 AJ 5,595,046 1/1997 Weder 53 397 AK 5,655,707 8/1997 Jensen 229 160.2 AL 5,725,311 3/1998 Ponsi et al. 383 66 AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AS 6,076,969 6/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AV 6,085,904 7/2000 Perdue, Jr. 206 484 AV 6,135,506 10/2000 Chess et al. 283 80	M	AD	4,583,679	4/1986	Johnson	229	123.1	
AH 5,271,553 12/1993 Kim 229 303 AI 5,499,757 3/1996 Back 229 81 AJ 5,595,046 1/1997 Weder 53 397 AK 5,655,707 8/1997 Jensen 229 160,2 AL 5,725,311 3/1998 Ponsi et al. 383 66 AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AV 6,085,904 7/2000 Perdue, Jr. 206 484 AV 6,085,904 7/2000 Perdue, Jr. 206 484 AV 6,135,506 10/2000 Chess et al. 283 80	10	AF	5,089,320	2/1992	Straus et al.	428	216	
AI 5,499,757 3/1996 Back 229 81 AJ 5,595,046 1/1997 Weder 53 397 AK 5,655,707 8/1997 Jensen 229 160.2 AL 5,725,311 3/1998 Ponsi et al. 383 66 AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AV 6,085,904 7/2000 Perdue, Jr. 206 484 AV 6,135,506 10/2000 Chess et al. 283 80	NO	AG	5,244,702	9/1993	Finestone et al.	428	34.3	
AJ 5,595,046 1/1997 Weder 53 397 AK 5,655,707 8/1997 Jensen 229 160.2 AL 5,725,311 3/1998 Ponsi et al. 383 66 AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AV 6,085,904 7/2000 Perdue, Jr. 206 484 AV 6,135,506 10/2000 Chess et al. 283 80	M	АН	5,271,553	12/1993	Kim	229	303	
AK 5,655,707 8/1997 Jensen 229 160.2 AL 5,725,311 3/1998 Ponsi et al. 383 66 AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AS 6,076,969 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AV 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	10	ΑI	5,499,757	3/1996	Back	229	81	
AL 5,725,311 3/1998 Ponsi et al. 383 66 AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AW 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AX 6,135,506 10/2000 Chess et al. 283 80	10	AJ	5,595,046	1/1997	Weder	53	397	
AM 5,780,150 7/1998 Bloch et al. 428 350 AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AW 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	y	AK	5,655,707	8/1997	Jensen	229	160.2	
AN 5,928,749 7/1999 Forman 428 43 AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AW 6,085,904 7/2000 Perdue, Jr. 206 484 AV 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	n	AL	5,725,311	3/1998	Ponsi et al.	383	66	
AO 5,962,099 10/1999 Bloch et al. 428 41.4 AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AV 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	no	AM	5,780,150	7/1998	Bloch et al.	428	350	
AP 5,983,594 11/1999 Forman 53 133.4 AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AW 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	1	AN	5,928,749	7/1999	Forman	428	43	
AQ 5,993,962 11/1999 Timm et al. 428 354 AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AV 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	12	AO	5,962,099	10/1999	Bloch et al.	428	41.4	
AR 6,032,854 3/2000 Greer et al. 229 301 AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AW 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	no	AP	5,983,594	11/1999	Forman	53	133.4	
AS 6,076,969 6/2000 Jaisle et al. 383 211 AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AW 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	n	AQ	5,993,962	11/1999	Timm et al.	428	354	
AT 6,133,173 10/2000 Riedel et al. 442 400 AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AW 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	-	AR	6,032,854	3/2000	Greer et al.	229	301	
AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AW 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	n	AS	6,076,969	6/2000	Jaisle et al.	383	211	
AU 4,680,918 7/1987 Lovell 53 466 AV 5,704,481 1/1998 Lutz 206 484 AW 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	w	AT	6,133,173	10/2000	Riedel et al.	442	400	
AW 6,085,904 7/2000 Perdue, Jr. 206 484 AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	\sim	AU	4,680,918	7/1987	Lovell	53	466	
AX 6,115,999 9/2000 Adelman 53 465 AY 6,135,506 10/2000 Chess et al. 283 80	nx	AV	5,704,481	1/1998	Lutz	206	484	
76 AY 6,135,506 10/2000 Chess et al. 283 80	16	AW	6,085,904	7/2000	Perdue, Jr.	206	484	
	N	AX	6,115,999	9/2000	Adelman .	53	465	
AZ 6,436,499 8/2002 Krampe et al. 428 40.1	-26	AY	6,135,506	10/2000	Chess et al.	283	80	
	3	AZ	6,436,499	8/2002	Krampe et al.	428	40.1	

U.S. PATENT DOCUMENTS cont													
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	auss	SUBCLASS	FILING APPROI	DATE IF					
14	ВА	4,969.309	11/1990	Schwarz et al.	53	412							
16	вв	5,633,071	5/1997	Murphy	428	195							
M	вс	6,122,897	9/2000	McClure	53	411							
N	BD	6,139,662	10/2000	Forman	156	66							
N	BE	2003/0037511 A1	2/2003	Finestone et al.	53	461							
1	BF	2003/0037512 A1	2/2003	Finestone et al.	53	461							
	BG	·											
	вн												
	BI						1						
	FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION						
							YES	NO .					
				·									
		OTHER REI	FERENCES (/	ncluding Author, Title, Date, Pertinent Pages, Etc.,)								
·													
				·									
EXAMINER DATE CONSIDERED /													
5	27	orjanen	· ·	5/13/03									
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													